Panasonic®

color laser printers

DP-CL21 Series

17 ppm*1 in Color

21 ppm in Black and White

Automatic Duplex

WORKIO™

Expanding Your Business Solutions

- Incredibly fast printing speed
- Compact and light design
- Cost per page*2 comparable to network Black and White printers.

*1, *2 see the last page

DP-CL21 Series Specifications

Performance

One-Pass Print Speed	Up to 17*1 ppm in Color (letter, 600 x 600 dpi, Simplex) Up to 21 ppm in Black and White (letter, 600 x 600 dpi, Simplex)
Print Resolution*3	Up to 1,200 x 1,200 dpi
First Print Time*4	13.5 seconds in Black and White, 15.5 seconds in Color (Power save mode off, standard print mode, simplex print at 68° F / 65 % RH)
Processor	XPC745 – 360 MHz, 64-bit RISC CPU
Memory (Std / Max)	DP-CL21: 128 MB / 512 MB DP-CL21PD / DP-CL21MD: 384 MB / 512 MB

Connectivity

Interface	Ethernet (100 Base-TX / 10 Base-T) / USB 1.1 / IEEE 1284 (ECP)
Network Features	Network Setup Tool, Embedded Web Server, Web Administrative Tool, Status Display, email alerts, Remote Maintenance Setting Tool
Print Languages	DP-CL21 / DP-CL21PD : PCL 5c Emulation / Adobe® PostScript® 3™ (Option) DP-CL21MD : Adobe® PostScript® 3™ / PCL 5c Emulation
Resident Fonts	DP-CL21 / DP-CL21PD : 45 PCL (Standard) / 136 Adobe® PS fonts (Option) DP-CL21MD : 136 Resident Adobe® PS fonts and 45 PCL
Supplied Printer Drivers	Microsoft® Windows® 95, Windows® 98, Windows® Me, Windows NT® 4.0, Windows® 2000, Windows® XP, Windows® Server 2003 operating systems Mac OS 8.1, 8.5, 8.6, 9.0, 9.1, 9.2, Mac OS X 10.1, 10.2 (DP-CL21MD)
Network Operating System Support	Microsoft® Windows®95, Windows® 98, Windows® Me, Windows NT®4.0, Windows® 2000, Windows® XP, Windows® Server 2003 operating systems NetWare 3.x, NetWare 4.x, NetWare 5.x, Netware6, UNIX (Solaris 2.6, Solaris 2.3x-2.5x, HP-UX 9.x and 10.x, BSD UNIX, AIX 4.x.x etc) Mac OS 8.1, 8.5, 8.6, 9.0, 9.1, 9.2, Mac OS X 10.1, 10.2 (When Adobe® PostScript® 3™ is enabled)
Network Protocol Support	TCP/IP, ICMP, ARP, RARP, BOOTP, DHCP, LPD, FTP, TELNET, HTTP, POP3, SMTP, DNS, IPP, WINS, IPX/SPX, NetBEUI, SNMP/MIB(MIB-2, Printer MIB, Network MIB) AppleTalk, ELAP, AARP, DDP, AEP, RTMP, ATP, ZIP, NBP and PAP (When Adobe® PostScript® 3™ is enabled)
Network Printing Protocol Support	FTP, LPR, IPP, Standard TCP/IP Port Printing, HP JetDirect Port Printing (TCP/IP, IPX/SPX), SMB (NetBEUI), NetWare (PSERVER/RPRINTER mode in NDS/Bindery mode and NDPS), AppleTalk, Email printing
Web Server Support	Allows monitoring and managing printer from a standard Web Browser

Paper Handling

Paper Input	Maximum: Up to 1,690 sheets - with optional 530 sheet paper feeders (20 lb. paper) Standard: Universal cassette - 530 sheets (1060 sheets - DP-CL21PD/DP-CL21MD) Multi-purpose tray - 100 sheets (20 lb. paper)
Paper Output	Face Down 250 sheets (20 lb. paper)
Duplex Print	Automatic : Standard Manual : Standard
Media Types	Universal Cassette / Multi-purpose tray : Plain Paper, Bond/Letterhead Recycled Paper(20- 28 lb. paper), Thin Paper(16- 20 lb. paper) Multi-purpose tray : Labels, Envelopes, Coated Paper, Thick Paper / Card (28- 44 lb. paper) and Transparency
Media Sizes	Universal Cassette : Letter, A4, Legal, B5 (JIS), Multi-purpose Tray: Letter, A4, Legal, B5 (JIS), A5, Executive, Custom (min. 3.5" x 5.8 " / max. 8.5" x 14")
Universal Cassette Features	Auto Tray Selection, Auto Tray Switching, Auto Paper Size Detection

Productivity Tools and Controls

Document Enhancement Tools*5	PCL: Watermark, Overlay, Pages Per Sheet, Scale, Fit To Paper, Booklet, Collate, Poster, Mirror Image, Reverse Order PostScript® (DP-CL21MD): Watermark, Pages Per Sheet, Scale, Collate
Enhanced Productivity Tools*6 (Job Spooling)	PCL: Memory Print, Check and Print, Confidential Print PostScript® (DP-CL21MD): Memory Print, Check and Print
Color Management Control	PCL: Automatic, sRGB (Photo), Vivid (Graphics), ICM, Grayscale PostScript® (DP-CL21MD): Automatic, sRGB (Photo), Vivid (Graphics), ICM & ColorSync®, Grayscale, SWOP, Euroscale
Print Quality Control	600 x 600 dpi, 1,200 x 600 dpi, 1,200 x 1,200 dpi, Auto Image Reduction

Operating Environment

Dimensions (W x D x H)	16.5" x 21.1" x 15.5" (5,396 cubic inches) - without paper feeders
Net Weight	approx. 65.7 lbs. , about 30 kg (including consumables) - without paper feeders
Power Requirement	120V AC, 50/60 Hz
Power Consumption	Maximum 1,200 W, Average 460 W, Power Save Mode: 9W (Using Panasonic's Induction Heating Technology)
Environment	Operating: Operating : 50° F to 90.5° F (10° to 32.5° C) 15%- 80% RH
Regulatory	UL60950, FDA21 CFR Ch. 1 Part 1040 (HHS), FCC Rules & Regulations part 15 (Class B) and Part 18

Service and Support

Warranty	Provided by dealer (Ask dealer for details)
Support	Remote Maintenance (Requires email Connection)

User Replaceable Consumables*2 & Accessories

Accumulator Unit	83,000 pages (DQ-BE1)
Fuser Unit	100,000 pages (DQ-FU1)
Transfer Roller	100,000 pages (DQ-BR1)
Color Print Cartridge	13,000 pages (DQ-UP1C)
Black Print Cartridge	13,000 pages (DQ-UP1K)
Toner Cartridges*7	5,000 pages each (5% coverage) – Yellow (DQ-UR1Y), Magenta (DQ-UR1M), Cyan (DQ-UR1C) and Black (DQ-UR1K)
Waste Toner Cartridge	24,000 pages (Black and White - 5% coverage) 6,000 pages (Full Color – 5 % coverage) (DQ-BF1)
Optional Paper Feeder	Up to 530 sheets each (20 lb.) – Stack up to 2 feeders (DA-DS1)
Automatic Duplex Unit	Standard on all DP-CL21 Series configurations
Internal Hard Disk Drive*8	20 GB – Enables job spooling, check and print, memory print and confidential print (Standard on DP-CL21PD / DP-CL21MD)
Upgrade Kit for PostScript® 3™	Adobe® PostScript® 3™ (DA-MC1) (Standard on DP-CL21MD / Option for DP-CL21 and DP-CL21PD)
Expandable Memory	256 MB (DA-CLEM256)

*1 Actual print speed is 16.9 ppm. *2 The rated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage per color at 600 x 600 dpi resolution on letter size paper). The actual consumable's life will vary depending on its use and other printing variables including page coverage, page size, media type, print resolution, continuous or intermittent printing, number of color planes, ambient temperature and humidity.
*3 Additional memory is recommended to insure 1,200 x 1,200 dpi operation regardless of image size, paper size and in duplex mode. *4 Measured by Panasonic's method. *5 Depending on the OS, some of these functions are not available. *6 Requires Hard Disk Drive (DP-CL21) *7 Printer includes free starter toner cartridge that yields 2,500 pages (based on 5% page coverage per color) *8 User area 13 GB. *9 As of June 2003
*10 Maximum speed on continuous pinting. Measured by Panasonic's method.

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® Guidelines for energy efficiency. (ENERGY STAR® and the ENERGY STAR® certification marks are registered US marks.)

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